

Appl. No. 09/885,849  
Amdt. dated June 29, 2004  
Reply to Office Action of Mar. 29, 2004

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### Amendments to the Claims

This listing of claims will replace all prior versions,  
and listings, of claims in the application:

### Listing of Claims

- 1  
2 1 (original). A method for adjusting functions of an electronic device based on  
3 location of the electronic device, the method comprising the steps of:  
4 determining a current location of the electronic device;  
5 determining a current sector associated with said current location;  
6 evaluating said current sector to determine if one or more zone is associated  
7 with said current sector; and  
8 executing an action to adjust a function of the electronic device if determined  
9 that at least one said zone is associated with said current sector and said  
10 current location is within at least one said zone.
- 1 2 (original). The method as claimed in claim 1, wherein the step of evaluating  
2 comprises a step of defining parameters for at least one said zone.
- 1 3 (original). The method as claimed in claim 2, wherein the step of defining said  
2 parameters for at least one said zone comprises a step of associating said zone to one  
3 or more sectors.
- 1 4 (original). The method as claimed in claim 3, wherein the step of defining said  
2 parameters for at least one said zone comprises a step of retrieving said parameters  
3 from an external database.
- 1 5 (original). The method as claimed in claim 3, wherein the step of defining said  
2 parameters for at least one said zone comprises a step of receiving said parameters in  
3 a said electronic device from a user of said electronic device.
- 1 6 (original). The method as claimed in claim 1, wherein the step of executing said  
2 action comprises the step of turning off one or more transmitting functions of the  
3 electronic device.

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1 7 (original). The method as claimed in claim 6, wherein the step of turning off the  
2 said transmitting functions of the electronic device comprises the step of turning off  
3 the said transmitting functions after a delay.

1 8 (original). The method as claimed in claim 1, wherein the step of executing said  
2 action comprises the step of changing profile setting of the electronic device to  
3 provide visual alert or vibrate alert without audio alert.

1 9 (original). The method as claimed in claim 1, wherein the step of executing said  
2 action comprises the step of increasing volume of an audio alert and volume of a  
3 speaker.

1 10 (original). The method as claimed in claim 1, wherein the step of executing  
2 comprises the step of changing operation of all functions to preset default modes if  
3 determined that said current location is not within at least one said zone.

1 11 (original). An electronic device operated in a wireless communication system, the  
2 electronic device comprising:

3 a processor for determining a current position of the electronic device; said  
4 processor further determining a current sector associated with said current  
5 location; said processor further evaluating said current sector to determine if  
6 one or more zone is associated with said current sector and executing an  
7 action to adjust a function of the electronic device if determined that at least  
8 one said zone is associated with said current sector and said current location  
9 is within at least one said zone.

1 12 (original). The electronic device as claimed in claim 11, further comprises:

2 a database coupled to said processor;

3 said processor further for defining parameters for at least one said zone and  
4 storing parameters in said database.

1 13 (original). The electronic device as claimed in claim 12, wherein said processor  
2 further for associating said zone to one or more sectors.

1 14 (original). The electronic device as claimed in claim 12, wherein said processor for  
2 retrieving said parameters from an external database.

1 15 (currently amended). The electronic device as claimed in claim 12, further  
2 comprises:

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3 an input device coupled to said processor; said input device for allowing user to  
4 define said parameters for at least one said zone; and

5 said processor further for storing said parameters received from the user through  
6 said input device into said memory database.

1 16 (currently amended). The electronic device as claimed in claim 11, wherein said  
2 action comprises a change to silent profile action, a change to default profile action, a  
3 change to theater profile action, a change to hospital profile action and or a change to  
4 stadium action.

1 17 (original). In a wireless communication system in which an electronic device is  
2 receiving location information from at least one satellite, a method for adjusting  
3 functions of the electronic device, comprising the acts of:

4 determining a current location of the electronic device using the location  
5 information;  
6 evaluating said current location to determine if said current location is within at  
7 least one pre-defined zone; and  
8 executing an action to adjust one or more functions of the electronic device if  
9 determined that said current location is within said at least one pre-defined  
10 zone.

1 18 (original). The method of claim 17, wherein the act of executing said action  
2 comprises the act of turning off one or more transmitting functions of the electronic  
3 device.

1 19 (original). The method of claim 17, wherein the act of evaluating said current  
2 location comprises the act of defining parameters for at least one said zone and  
3 storing said parameters in a database.

1 20 (original). The method of claim 17, wherein said act of executing comprises the  
2 act of changing operation of all functions to preset default modes if determined that  
3 said current location is not within said at least one pre-defined zone.